

Converting Colors

XYZ(16.0655, 15.1129, 18.6632)

Have a look what the booklet for
XYZ(16.0655, 15.1129, 18.6632)
contains.

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Color

**XYZ(16.0287, 15.0990,
18.5926)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6774
RGB	122, 103, 116
RGB Percent	48%, 40%, 45%
CMY	0.5216, 0.5961, 0.5451
CMYK	0.00, 0.16, 0.05, 0.52
HSL	319°, 8%, 44%
HSV	319°, 16%, 48%
XYZ	16.0287, 15.0990, 18.5926
YIQ	110.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

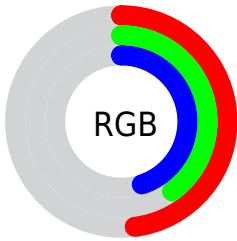
Format	Color
R_{YB}	122, 103, 116
Decimal	8021876
CIE Lab	45.77, 9.99, -4.46
CIE LCh	46, 10.944, 335.959
Yxy	15.0990, 0.3224, 0.3037
Android (android.graphics.Color)	4286211956 (0xFF7A6774)
YUV	110.1630, 2.8776, 10.3810
Hunter-Lab	38.8574, 5.6308, -1.1690

Details

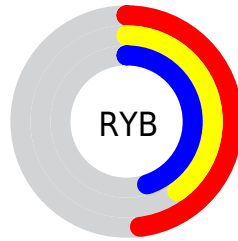
The XYZ color **16.0287, 15.0990, 18.5926** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3140, 17.9072, 17.1182**, and the grayscale version is **14.8587, 15.6325, 17.0238**.

A 20% lighter version of the original color is **36.3027, 35.0523, 41.8982**, and **5.2052, 4.6622, 6.0944** is the 20% darker color. If you saturate the color by 10%, you get **14.6833, 12.7593, 17.0612**, and if you desaturate by 10%, it is **17.5614, 17.7980, 20.2326**.

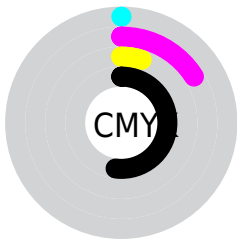
Distribution



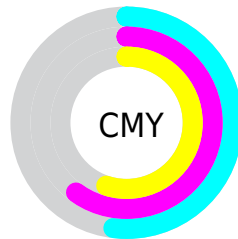
- Red (48%)
- Green (40%)
- Blue (45%)



- Red (48%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0287, 15.0990, 18.5926 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.0287, 15.0990, 18.5926 by changing the saturation by 10% instead.

■ 16.0287, 15.0990,
18.5926

■ 16.0287, 15.0990,
18.5926

222.7781,
223.9647, 256.5377

■ 9.6354, 8.8889,
11.2025

■ 36.2051, 35.0268,
41.8720

■ 5.2183, 4.6688,
6.0873

■ 50.7189, 49.5132,
58.5984

■ 2.4120, 2.0543,
2.8286

■ 68.6703, 67.5272,
79.2739

■ 0.8511, 0.6387,
1.0078

■ 90.4246, 89.4532,
104.3171

■ 0.0000, 0.0000,
0.0000

116.3471,
115.6755, 134.1466

146.8033,

146.5786, 169.1808

182.1585,
182.5469, 209.8383

■ 16.0287, 15.0990,
18.5926

■ 16.0287, 15.0990,
18.5926

■ 14.6833, 12.7593,
17.0612

■ 17.5614, 17.7980,
20.2326

■ 13.5161, 10.7614,
15.6344

■ 19.2873, 20.8685,
21.9833

■ 12.5192, 9.0897,
14.3091

■ 21.2138, 24.3250,
23.8478

■ 11.6836, 7.7264,
13.0819

■ 23.3473, 28.1802,
25.8288

■ 10.9995, 6.6519,
11.9487

■ 25.6942, 32.4465,
27.9289

■ 10.4560, 5.8444,
10.9054

■ 28.2604, 37.1357,
30.1505

■ 10.0405, 5.2792,
9.9472

■ 31.0516, 42.2591,
32.4962

■ 9.7315, 4.9136,
9.0663

■ 34.0734, 47.8275,
34.9682

■ 9.6057, 4.7695,
8.6932

■ 37.3310, 53.8514,
37.5687

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.4156, 15.0990, 20.8933



16.0287, 15.0990, 18.5926



16.1842, 15.0990, 15.9197

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.0287, 15.0990, 18.5926



14.1682, 15.0990, 11.8971



12.9659, 15.0990, 19.5994

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.0287, 15.0990, 18.5926



15.3140, 17.9072, 17.1182

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.6620, 15.0990, 16.9720



16.0287, 15.0990, 18.5926



13.3369, 15.0990, 12.6697

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.0287, 15.0990, 18.5926



15.0842, 15.0990, 12.2325



12.7949, 15.0990, 14.4608



13.6422, 15.0990, 21.5167

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.0287, 15.0990, 18.5926



16.0018, 15.0990, 14.3201



12.7949, 15.0990, 14.4608



12.8181, 15.0990, 18.7600

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.0291, 15.0997, 18.5929



31.0249, 31.5411, 35.7295



14.6335, 14.3386, 20.4091



7.0571, 7.1467, 8.1313



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0291, 15.0997, 18.5929



27.2413, 24.8911, 31.6406



15.5202, 14.8961, 15.9127



4.1032, 4.0570, 4.7409



10.1092, 5.0198, 9.1321



47.8236, 23.7858, 41.4626

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.0291, 15.0997, 18.5929



27.2413, 24.8911, 31.6406



15.8355, 18.1159, 19.8644



4.1032, 4.0570, 4.7409



10.1092, 5.0198, 9.1321



47.8236, 23.7858, 41.4626

Previews

White Background



This preview shows how the XYZ color 16.0287, 15.0990, 18.5926 looks on a white background.

Color Contrast Check

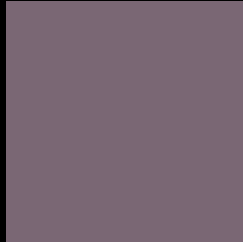
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.0287, 15.0990, 18.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0287, 15.0990, 18.5926

Background



This preview shows how black text looks on a background with the XYZ color 16.0287, 15.0990, 18.5926.



This preview shows how white text looks on a background with the XYZ color 16.0287, 15.0990,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.0287, 15.0990, 18.5926

Protanopia

14.7557, 15.1828, 19.6056

Deuteranopia

15.4064, 15.0771, 18.6212



Tritanopia

15.7601, 15.1354, 17.4200

Trichromacy



Original Color

16.0287, 15.0990, 18.5926

Protanomaly

15.1061, 15.0608, 19.2504

Deuteranomaly

15.5739, 15.0131, 18.6000

Tritanomaly

15.8161, 15.1578, 17.7149

Monochromacy



Original Color

16.0287, 15.0990, 18.5926

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1218, 15.2626, 17.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0287, 15.0990, 18.5926 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(122, 103, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(122, 103, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 116) }
```

Border

The CSS property to change the border of an element to XYZ 16.0287, 15.0990, 18.5926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 103, 116) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(122, 103, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(122, 103, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0287, 15.0990, 18.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(122,  
103, 116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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